

PTO/SB/08A (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substantive Examination 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 9

Application Number	10/040,817
Filing Date	January 7, 2002
First Named Inventor	Scott Russell
Group Art Unit	
Examiner Name	
Attorney Docket Number	CRD-0988

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
✓		3,435,824		Gamponia	4/1/69	
		3,889,685		Miller Jr., et al.	6/17/75	
		3,952,747		Kimmell, Jr.	4/27/76	
		4,230,119		Blum	10/28/80	
		4,349,029		Mott	9/14/82	
		4,425,908		Simon	1/17/84	
		4,494,531		Gianturco	1/22/85	
		4,545,390		Leary	10/8/85	
		4,619,246		Molgaard-Nielsen et al.	10/28/86	
		4,619,274		Morrison	10/28/86	
		4,688,553		Metals	8/25/87	
		4,706,671		Weinrib	11/17/87	

### FOREIGN PATENT DOCUMENTS

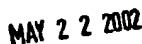
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
✓		EP	0 737 450	A1	Cordis Europa N.V.	10/16/1996	 RECEIVED MAY 24, 2002 TC 3700 MAIL ROOM	
		EP	0 791 340	A1	Cordis Corporation	8/27/1997		
		FR	2 606 642	A1	Michel Camus et al	5/20/1998		
		FR	2 652 267	A1	Prothia Sarl	3/29/1991		
		PCT	WO 96/01591	A1	Microvena Corporation	1/25/1996		
		SU	764,684	A1	National Medical University of Chelyabinsk	9/25/1980		
		UK	2,020,557	A1	Willy Rusch GmbH & Co.	11/21/1978		
Examiner Signature						Date Considered	5/24/04	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for GRADES 1-8 APTO

(use as many sheets as necessary)

Sheet 2 of 9

Application Number	10/040,817
--------------------	------------

## U.S. PATENT DOCUMENTS

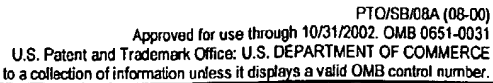
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
VJ		4,723,549		Wholey et al.	2/9/88	
		4,727,873		Mobin-Uddin	3/1/88	
		4,781,177		Lebigot	11/1/88	
		4,790,812		Hawkins, Jr., et al.	12/13/88	
		4,790,813		Kensey	12/13/88	
		4,793,348		Palmaz	12/27/88	
		4,794,928		Kletschka	1/3/89	
		4,832,055		Palestrant	5/23/89	
		4,842,579		Shiber	6/27/89	
		4,873,978		Ginsburg	10/17/89	
		4,884,573		Wajay et al.	12/5/89	
		4,921,484		Hillstead	5/1/90	

# FOREIGN PATENT DOCUMENTS

[illegible]

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

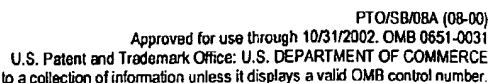
<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
✓		4,957,501		Lahille et al.	9/18/90	
		4,969,891		Gewertz	11/13/90	
		4,990,156		Lefebvre	2/5/91	
		5,011,488		Ginsburg	4/30/91	
		5,053,008		Bajaj	10/1/91	
		5,059,205		El-Nounou et al.	10/22/91	
		5,092,839		Kipperman	3/3/92	
		5,095,915		Engelson	3/17/92	
		5,108,419		Reger et al.	4/28/92	
		5,133,733		Rasmussen et al.	7/28/92	
		5,152,777		Goldberg et al.	10/6/92	
		5,190,540		Lee	3/2/93	

[illegible]

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Office, Washington, DC 20231.



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)  
Sheet 4 of 9

<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code² (if known)			
✓		5,201,757		Heyn et al.	4/13/93	
		5,242,462		El-Nounou et al.	9/7/93	
		5,279,546		Mische et al.	1/18/94	
		5,324,304		Rasmussen	6/28/94	
		5,329,942		Gunther et al.	7/19/94	
		5,413,586		Dibie et al.	5/9/95	
		5,421,832		Lefebvre	6/6/95	
		5,496,277		Termin et al.	3/5/96	
		5,531,788		Dibie et al.	7/2/96	
		5,549,626		Miller et al.	8/27/96	
		5,632,760		Sheiban et al.	5/27/97	
		5,662,631		Marx	9/2/97	

**FOREIGN PATENT DOCUMENTS**

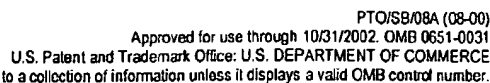
[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)  
Sheet 5 of 9

<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
WJ		5,662,671		Barbut et al.	9/2/97	
		5,681,347		Cathcart et al.	10/28/97	
		5,695,519		Summers et al.	12/9/97	
		5,709,704		Nott et al.	1/20/98	
		5,749,890		Shaknovich	5/12/98	
		5,769,816		Barbut et al.	6/23/98	
		5,779,716		Cano et al.	7/14/98	
		5,807,398		Shaknovich	9/15/98	
		5,810,874		Lefebvre	9/22/98	
		5,814,064		Daniel et al.	9/29/98	
		5,827,324		Cassell et al.	10/27/98	
		5,836,969		Kim et al.	11/17/98	

**FOREIGN PATENT DOCUMENTS**

[illegible]

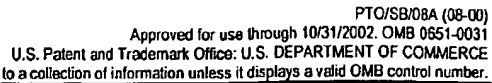
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)  
Sheet 7 of 9

<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
✓		6,126,673		Kim et al.	10/3/00	
		6,152,946		Broome et al.	11/28/00	
		6,165,179		Cathcart et al.	12/26/00	
		6,165,200		Tsugita et al.	12/26/00	
		6,168,604		Cano	1/2/01	
		6,179,859		Bates et al.	1/30/01	
		6,179,861		Khosravi et al.	1/30/01	
		6,187,015		Brenneman	2/13/01	
		6,203,561		Ramee et al.	3/20/01	
		6,214,025		Thistle et al.	4/10/01	
		6,221,096		Aiba et al.	4/24/01	
		6,241,746		Bosma et al.	6/5/01	

[illegible]

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1040-SS (9-99)	Application Number	10/040,817
------------------------------------	--------------------	------------

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 8 of 9

<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
JN		6,258,115		Dubrul	7/10/01	2
		6,267,776		O'Connell	7/31/01	
		6,267,777		Bosma et al.	7/31/01	
		6,270,513		Tsugita et al.	8/7/01	
		6,273,900		Nott et al.	8/14/01	
		6,277,138		Levinson et al.	8/21/01	
		6,290,710		Cryer et al.	9/18/01	
		6,336,934		Gilson et al.	1/8/02	
		6,346,116		Brooks et al.	2/12/02	

## FOREIGN PATENT DOCUMENTS

[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

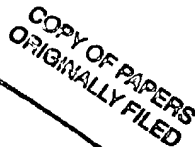
1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



RECEIVED  
MAY 24 2002  
TC 3700 MAY 24 2002  
on Eng not in



U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Application Number</b>	<b>10/040,817</b>
<b>Filing Date</b>	<b>January 7, 2002</b>
<b>First Named Inventor</b>	<b>Scott Russell</b>
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>CRD-0988</b>

[illegible][illegible]

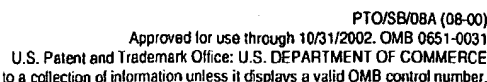
Examiner Signature		Date Considered	5/24/24
-----------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

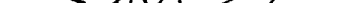
<b>Application Number</b>	10/040,817
<b>Filing Date</b>	January 7, 2002
<b>First Named Inventor</b>	Scott Russell
<b>Group Art Unit</b>	3731
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	CRD-0988

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	5/24/04
-----------------------	---	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**